

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:07 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1042 Const Calendar Day: 615 Date: 09-Feb-2014 Sunday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature 7 AM****12 PM****4PM****Precipitation****Condition** rain am and pmWorking Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

There is no work in the field on this Townsend Test (Test IV) test rig operation today by ABF. One rod (TR 7) is under load.

VGO (Dave Van Dyke) is working offsite today to produce morning and evening data reports. I also meet with him when he visits the site briefly at about 1100 to check that all the VGO power and instrumentation wires are above water – due to heavy rain and the intentionally plugged DI, the accumulation of water on the test site is an issue.

I periodically check during the day for a broken rod and/or water leak at the single test rig currently under load (does not break and there are no water leak issues).

With today's rain and the intentionally plugged DI (per approved SWPPP), the test rig work area is flooding (the test rigs on raised concrete slabs do not flood). I check a few times during the day that the VGO and CT-METS wires stay above the water level. Also, for the tent over TR's 7/8, there is water accumulating on the tent roof sag, so I drain this water a few times during the day, so that the accumulated weight does not collapse the tent.

TR 7 Wet Chamber Samples

Approximately 1400 today, I take water samples per the DJV's request from the TR 7 wet chamber, prior to the planned Monday 2/10/2014 morning pulling of the rod to failure. The water samples are provided to the DJV. Note that this wet chamber had an unusual pH a few weeks ago, so the NaCl solution was replaced in the top half on Tuesday, January 28, 2014. Below are the pH values from today's samples:

TR 7 sample from the top half (first sample – sample provided in jar to DJV):

0-14 paper = 6

4-7 paper = 6.1

6.5-10.0 paper = 6.5

TR 7 sample from the bottom half (second sample – sample provided in jar to DJV):

0-14 paper = 6

4-7 paper = 5.5

6.5-10.0 paper = <6.5



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Inspector Name Brignano, Bob

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Sunday

INSPECTOR OT REMARK:

Field and Office 4 hours: I am at work periodically between 0700 and 1900, but it is not continuous work - I work and charge 4 hours of OT. The OT work is Sunday periodically checking the CCO 314 Test Rigs for a broken rod (not broken) at the remaining location. I am also addressing issues with the wet weather (rain). Per the DJV requirement, I also pull water samples from TR 7 today prior to tomorrow morning's scheduled pulling of the rod to failure. In the office, I am working on various CCO 314 issues, mostly addressing issues and questions from the DJV.